

ABSTRACT

Transmitter and receiver circuits are shown that are capable of operating in a stand-alone mode without the necessity of an external controller to program the transmitter and receiver circuits, such as by providing operating parameters through a control interface. An internal controller of the transmitter detects that no external controller is present and operates to access an external storage device, such as an EEPROM, to obtain data for configuring at least some of the operating characteristics of the transmitter. The transmitter may be configured to respond to predetermined events by accessing corresponding data at predetermined addresses of the EEPROM. The internal controller of the receiver may also detect that no external controller is present and to obtain data for configuring at least some of the operating characteristics of the receiver. Also, the internal controller of the receiver may be configured to monitor a predetermined communication channel in order to receive operating parameter data and configure the operation of the receiver accordingly. The transmitter may be configured to transmit operating parameter data to the receiver via the predetermined communication channel.